DURAWATT® ELECTRIC • PACKAGED WATER HEATER

POLYSHIELD® POLYMER-PLATED STORAGE TANK

STANDARD FEATURES AND EQUIPMENT

- POLYSHIELD® polymer-lined tank with 5-year warranty ①
- One-year, cost-free service policy ①
- Heavy-duty Incoloy® heating elements rated at 80 Watts per square inch heat density
- 120V control circuit
- Nonferrous, removable fittings at all tank connections
- 23" diameter tank access (not available on vertical 125 and 250 series)
- Upper and lower immersion operating thermostats (one on horizontal tanks of 250 gallons or less)
- Immersion temperature limiting device (high limit)
- Electronic low water cutoff
- ASME-rated temperature and pressure relief valve
- Solderless power distribution block (includes control circuit power distribution from 208/240V)
- Control circuit transformer (480V or 575V supply)
- Fused magnetic contactors for each power circuit (50 amp maximum per circuit on 3∅ units)
- Control circuit switch, fuse, and pilot light
- Drain valve
- Lifting lugs (400 gallon tanks and larger)
- ASHRAE 90.1 compliant
- Fiberglass insulated tank
- Steel jacket panels with durable industrial finish
- Factory-authorized start up (available on most models, check with PVI representative for details)
- ASME stamped - 188 psi test pressure
- National Board registered for 125 psi working pressure
- UL listed to U.S. and Canadian standards

VOLTAGE (select one)

- ☐ 208V, three-phase
- ☐ 240V, single-phase
- ☐ 240V, three-phase
- ☐ 480V, three-phase (includes 120V control circuit transformer)
- ☐ 575V, three-phase (includes 120V control circuit transformer)

OPTIONAL FEATURES AND EQUIPMENT

- ☐ 15-year POLYSHIELD® tank warranty ①
- ☐ Long-life service policy ①
- ☐ Heavy-duty Incoloy® heating elements rated at 40 Watts per square inch heat density (through model prefix 920)
- ☐ Heavy-duty Incoloy® heating elements rated at 20 Watts per square inch heat density (through model prefix 460)
- ☐ ASME stamped for 225 psi test pressure and National Board registered for 150 psi working pressure
- ☐ 23" diameter rear tank access (not available on vertical series 125 and 250 gallons)
- ☐ AGA-rated temperature and pressure relief valve(s)
- ☐ 3" cold water inlet and hot water outlet (standard on tanks larger than 400 gallons)
- ☐ 2" drain valve (standard on tanks larger than 400 gal)
- ☐ Lifting lugs
- ☐ Intratank circulator
  (< 1000 gallon tank: 1/25 hp, 115V, 3/4 amp)
  (≥ 1000 gallon tank: 1/3 hp, 115V, 8 amp)
- ☐ Electronic proportional sequencer with indicating lights (72kW and higher) *Selection of proportional sequencer will require additional control box on left side of heater, adding 9.5 inches to product width and requiring 24 inches of service clearance. In addition, the hot outlet will be moved to the top of the heater.*
- ☐ Time delay sequencer (72 kW and higher)
- ☐ Shunt trip circuit interrupter with on/off handle
- ☐ Safety door interlock
- ☐ Manual-reset immersion temperature limiting device
- ☐ Dial temperature and pressure gauges
- ☐ Tridicator
- ☐ Alarm bell with silencing switch
- ☐ Seven-day time clock
- ☐ Digital seven-day time clock with battery backup
- ☐ 120V control circuit transformer (208V and 240V)
- ☐ NICKELSHIELD® element protection

① See complete warranty and/or service policy for details

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PVI reserves the right to change the design and specification without notice.